**VSS-002W wireless speaker system**
**User Manual**

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<div align="center">**Important Note**</div>

- Wireless transmission means you can use these speakers anywhere indoors without worrying about things getting in the way. (Range: Up to approx 50m*)
  * Based on open field. Transmission distance varies depending on conditions of use.

- Distance specified in the product specification is measured in a 2.4GHz friendly environment. Distance may be reduced if the building structure is made of metal material and there are multiple 2.4GHz wireless devices operating in the same environment.
- When using the wireless speakers in a separate room, thick or dense walls may reduce the operating range.

- Because this system transmits signals at 2.4GHz, sound may be interrupted if interference occurs. This is due to radio frequency characteristics, and it is NOT a malfunction.

- Any clicking noise hear through the speaker may vary depending on the transmitter position and room conditions. It is recommended that the transmitter is placed in a location that produces the clearest sound. Do not place the transmitter too close to TV, AC power adaptor or any other radiation sources.

- Do not place wireless speakers in a metal cabinet or metal bookshelf.

- Sound may be interrupted if the transmitter is used with other wireless apparatus using 2.4GHz frequency, or a microwave oven.

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<div align="center">**FCC Statement:**</div>

**NOTE:**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
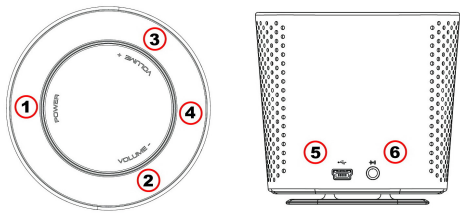- Consult the dealer or an experienced radio/TV technician for help.

**Features:**
- USB 1.1 full speed compliant stereo audio transmitter
- Plug and play USB audio transmitter
- Support 8 KHz, 11.025 KHz, 44.1 KHz, and 48 KHz sampling rates for 2 channels play back
- Compatible with Win98SE/WinME/Win2000/WinXP and MacOS 9.2.1/MacOS 10.2 without additional driver
- 2.4GHz GFSK transmitter with 8 selectable channels
- Typical 30m indoor range
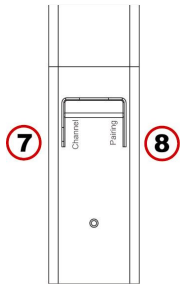- Supports direct line in playback via 3.5mm audio jack

**Accessories:**
1. USB cable
2. 3.5mm Audio cable
3. User Manual

**Product Overview:**

**Speaker**



**USB Transmitter**



| No | Item | Description |
|----|------|-------------|
| 1 | Power | To turn on / off speaker |
| 2 | Volume - | To decrease volume |
| 3 | Volume + | To increase volume |
| 4 | Charging Indicator | To indicate charging status |
| 5 | USB jack | To power up speaker via USB cable |
| 6 | Audio Jack | Music Line in from other music source |
| 7 | Channel Key | To switch transmission channel |
| 8 | *Pairing Key | Not applicable for this model |

**Operating Instructions**
**Power Option:**
The speaker can be powered up by:
I: Built In Li-Ion Polymer battery
II: USB via USB power adapter or computer USB port

**Operation Option:**
The speaker supports:
A.   Wireless transmission Music Playback
B.   Line in Music Playback via 3.5mm audio jack

**A. Wireless Transmission Operation**
1.   Press the "Power" key to turn on the speaker until the blue color LED indicator is lighted up.
2.   For USB power, simply connect the USB cable provided from any USB power adapter or PC port.
3.   Connect the USB transmitter to computer and LED indicator is lighted up. The USB transmitter is automatically powered up upon connection to PC.
4.   Start playing songs from PC and you can enjoy songs from the wireless speaker.
5.   There might be cases whereby the wireless transmission will interfere with other wireless connection available in the premises. Should there be any interference and noise from the speaker, press the "Channel" key on the transmitter and it will automatically switch to a clear channel.
6.   Adjust playing volume by pressing the 2 keys on the top face of the speaker.
7.   To disconnect the USB transmitter, simply unplug the USB transmitter from the PC.
8.   To turn off speaker, press and release the "Power" key. LED indicator will fade off.

**B. Line-in Operation:**
1. Repeat step 1 to 2 as mentioned above.
2. Connect music player to the line in jack on the speaker using the audio cable provided.
3. Press the "Power" key to turn on the speaker until the LED indicator is lighted up.
4. Adjust playing volume by pressing the 2 keys on the top face of the speaker.
5. To turn off speaker, press and release the "Power" key. LED indicator will fade off.

**C. Charging the speaker**
1.   Connect the speaker to your computer or other USB power adapter via USB cable
2.   The charging indicator will lit up in Red color during charging
3.   When the battery is fully charge, the charging indicator will go off.

**Technical Specification**

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|---|---|
| System Compatibility | Windows 98SE, ME, 2000,2003 or XP ,Mac OS 9.x/X |
| PC interface | USB1.1 or above |
| Power Supply | Built in Li-Ion Polymer battery |
| Dimensions (speaker) | 80 x 80 x 75 mm |
| Weight (speaker) | 150g (without battery) |
| Driver Frequency Response Range | 20Hz ~ 20KHz |
| Max Power Output | 1.5W(L) + 1.5W(R) |
| Battery Play back time | up to 8 hrs |
| Charging time | 2 to 3 hours |
| Operating Current | <350mA |
| Standby Current | <50uA |
| Operating Humidity | RH 35%~ 85% |
| Storage Humidity | RH 20%~ 95% |
| Storage Temp | -10°C ~ 60°C |
| Operation Temp | -5°C ~ 40°C |
| RF Operating Frequency | 2400 ~ 2483.5 MHz |
| Channel Number | 8 selectable channel |
| Wireless Transmission Power | 10 dBm |
| Channel Spacing | 10.24 MHz |
| Transmission Data Rate | 6 Mb/sec |
| Operating Range | Upto 50m (line of sight), varies on different environment |

**Note:** Specifications subject to change without prior notice

**Troubleshooting:**

1. **No sound output from speaker**

**Cause:** USB is not connected properly
**Solution:** reconnect USB transmitter to PC. Green LED indicator will lit up upon successful connection

**Cause:** Music is played before USB transmitter is connected
**Solution:** With the USB transmitter connecting to PC, CLOSE the music player. Make sure that USB transmitter is connected before start music player

**Cause:** Speaker volume is in low level
**Solution:** Adjust the speaker volume by pressing key 5.

**Cause:** Speaker is not powered on.
**Solution:** Press the power key to turn on speaker. Red LED indicator will lit up when speaker is turned on.

2. **Noise when playing music**

**Cause:** Interference from other RF sources such as WiFi, Bluetooth. (Please refer to page 2 for details)
**Solution:** Press Channel key on the USB transmitter to switch to a clear channel

**Cause:** Interference from metal object
**Solution:** Move the speaker away from any blockage of metal object

**Cause:** The distance of the speaker has exceeded the allowable transmission range
**Solution:** Move the speaker nearer to the USB transmitter.

For further technical support please visit www.veho-uk.com